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(ii) LiveDNA: <http://livedna.org/234.12111>  
(iii) <http://www.researcherid.com/rid/M-3402-2013>  
(iv) Scopus Author ID: 37079227300.  
(v) [https://scholar.google.com/citations?user=e\\_EGObsAAAAJ&hl=en](https://scholar.google.com/citations?user=e_EGObsAAAAJ&hl=en)  
(vi) [https://www.researchgate.net/profile/John\\_Kayode](https://www.researchgate.net/profile/John_Kayode)

## Education

- 10 - 2013 PhD Exploration Geophysics, Universiti Sains Malaysia Main Campus, Penang, Malaysia.  
2017
- Research Thesis: Integration of qualitative and quantitative analysis for mineral resources mapping in Omu-Aran schist belt zone, Nigeria.
  - Advisors: Prof. Dr. Mohd Nawawi Mohd Nordin, Associate Prof. Dr. Yusri Yusup, Associate Prof. Dr. Abdullah, Kiruddin.
- 08 - 2000 M.Tech, Federal University of Technology, Akure, Nigeria.  
2007
- Research Thesis: Ground Magnetic Study of Ijeda-Iloko area and its Geological Implications South-western, Nigeria.
  - Advisor: Prof. Dr. Samuel Lekan Folami.
- 10 - 1998 PGD, Federal University of Technology, Akure, Nigeria.  
2000
- Thesis: Geoelectric Mapping of Ipogun – Ayo, Ondo State, South-western, Nigeria.
  - Advisor: Prof. Dr. Samuel Lekan Folami.
- 09 - 1989 HND in Physics Electronics /Engineering Production, University of Ilorin SLT, Ilorin, Nigeria.  
1993
- Thesis: Design and construction of XC-XL Oscillator Weing Bridge.
  - Advisor: Associate Prof V. S. A. Adeloye.

## Research and Teaching Experience

- 10 - 2013 Universiti Sains Malaysia Main Campus, Penang, Malaysia.  
2017
- Mapping of subsurface subsidence for sustainable developmental programme.
  - Mapping and Characterising the hot springs in Malaysian Peninsula for Geothermal Exploration.
  - Characterisation of the sub-soil in parts of the Peninsula Malaysia for engineering foundation studies.
  - Application of the near surface geophysical methods to solve water problems in many parts of the Malaysian Communities.
  - 2-D and 3-D Electrical Resistivity Tomography surveying with ABEM SAS4000 Terrameter using the various protocols.
  - The Induced Polarisation geophysical method.
  - Time-domain Transient Electromagnet (TEM) method.
  - Gravity geophysical method using AutoGrav CG-5 by Scintrex gravimeter.
  - Magnetic geophysical method using the Proton Magnetometer and Gradiometer.
  - Ground Penetration Radar (GPR) geophysical method.
  - Seismic Reflection Method and Multichannel Analysis of Surface Waves (MASW) using the ABEM Terraloc MK6.
- 04 - 2016 International Geophysics Field Training Camp, with the applications of Time Domain Electromagnetic (TEM) Method.
- 02 - 2015 International Geophysics Field Training Camp, with the applications of Magnetic and Gravity methods.
- 10 - 2013 PhD. Exploration Geophysics, involved integrating Remotely sense data; (Landsat<sup>TM</sup> 8 and Digital  
07 - 2017 Elevation Model data) with aeromagnetic data; geological and geochemical datasets to adequately map the Omu-Aran Schist belt zone, South-western part of the Nigerian Precambrian Basement Complex. Application of MATLAB Machine Learning tools and 3D GIS geospatial tools to qualitatively and quantitatively characterised the subsurface of the Omu-Aran Schist belt zone area.

- 09 - 2014      ● **B.Sc.** Image processing using geophysical data for environmental applications. Co-supervision with  
2015              Assoc. Prof. Dr. Khiruddin Abdullah.
- 07 - 2010      ● Air pollution by carbon monoxide (CO) poisonous gas in Lagos area South-western Nigeria. Co-  
2011              supervision with Prof. E.B. Babatunde.
- 04 -2001       ● M.Sc. Class Independent Field Report on the Use of Combined Geophysical Methods in Mapping  
Basement Structures for Groundwater in part of Ilesa Schist Belt, South-western Nigeria.  
Unpublished M.Tech. Field report submitted to the Department of Applied Geophysics, Federal  
University of Technology, Akure, Nigeria.
- 12 - 2000      ● Geoelectric Investigation of Iperindo Gold Mineralized area, Atakumosa East L.G.A. Osun State,  
South- western Nigeria. Unpublished PGD Field report submitted to the Department of Applied  
Geophysics, Federal University of Technology, Akure, Nigeria.

#### Teaching Experience

- 01 – 2018      ● Teaching Fellow, School of Industrial Technology, Universiti Sains Malaysia, Penang.  
Till Date
- 09 - 2014      ● Teaching Assistant, School of Physics, Universiti Sains Malaysia, USM Main Campus, Penang,  
07 - 2017      Malaysia.  
  - ZCA 101-** Mechanics
  - ZCT 104/3** - Modern Physics
  - ZCT 106** - Electronics I
  - ZCA 110-** Calculus and Algebra
  - ZCA 102/4-** Physics II Electricity and Magnetism I
  - ZCT 103** - Vibrations, Waves and Optics
  - ZCT 212** - Thermodynamics.
  - ZGT 295** - Time Domain Electromagnetic (**TEM**) Method Student Practical.
  - ZGT 295** - 2-D Electrical Resistivity Method Student Practical.
- 05 - 2003      ● Teaching Courses at Covenant University, Canaan Land, Ota, and Landmark University Omu-Aran,  
08 - 2013      Nigeria.  
  - PHY 312** – Applied Geophysics I
  - PHY 315** – Electric Circuit Theory II
  - PHY 319** – Data Analysis and Experimental Physics
  - PHY 334** – Workshop Practice
  - PHY 215** – Thermal Physics
  - PHY 223** – Waves and Optics I
  - PHY 226** – Physics of the Solid Earth
  - PHY 229** – Energy and Environment
  - PHY 222** – Semiconductor Technology
  - PHY 218** – Experimental Physics II
  - PHY 228** – Experiment Physics I
  - PHY 112-** Heat Sound and Optics
  - PHY 119** – Physics Practical II
  - PHY 129** – Physics Practical I

#### International Scientific Activities

- Foundation President, USM Society of Exploration Geophysicists Student Chapter.
- Serve as Volunteer at the **35th** International Geological Congress, Cape Town, South Africa. **25 August - 04 September 2016.**
- Society of Exploration Geophysicists Volunteer Services as Geophysics and Interpretation Journals Reviewer Editor from **03 May 2016 to 31 December 2016.**
- Serve as Volunteer at the **AOGS 12th** Annual Conference, Singapore. **01- 10 August 2015.**

● Book Published

- 2005 **Kayode, J.S.**, Uhuegbu, C.C. and Babatunde, E.B. "*New Approach to Practical Physics in Higher Institutions*". Capital Centre Nig. Ltd. **First Edition: ISBN978-067-621-X.**
- 2011 **Kayode, J.S.**, Uhuegbu, C.C., O.O. Olugbara, and Babatunde, E.B. "*New Approach to Practical Physics in Higher Institutions*". Capital Centre Nig. Ltd. **Second Edition: ISBN: 978-067-621-X.**

● Book Chapter

- 2017 **Kayode, J.S.**, Nawawi, M.N.M., and Abdullah, K. "*Subsurface structural patten distributions of the magnetic anomalies in part of the Nigerian South-western Precambrian Basement Complex for sustainability*". in W. Suparta et al. (eds.), *Space Science and Communication for Sustainability*, [https://doi.org/10.1007/978-981-10-6574-3\\_17](https://doi.org/10.1007/978-981-10-6574-3_17). Springer Nature Singapore Pte Ltd. 2018.

● Peered-Reviewed Research Paper-Accepted

- 2017 **Kayode, John Stephen**, Mohd Hariri Arifin, Azimah Hussin, Nawawi Mohd Nordin Mohmd, Norsyafina Roslan, "*Geophysical mapping and characterization of aquifer zones of the flooded East coast areas of Peninsula Malaysia*". Accepted by, **Research Journal of Applied Sciences 26255-RJAS**.-In press

● Peered-Reviewed Research Paper-Published

**John Stephen Kayode**, Nawawi, M.N.M., Khiruddin, B.Abdullah, and Amin E. Khalil, "*Integrating Aeromagnetic and Landsat<sup>TM</sup> 8 data into subsurface structural mapping of Precambrian Basement Complex*". **Journal of African Earth Sciences. 125(1): pp202-213 DOI: 10.1016/j.jafrearsci.2016.11.010.**

Amin E. Khalil, Mohd Nawawi, Karl Wagner, Hassan Baioumy, **John S. Kayode**, Kehinde Ishola, Abdullahi Abdul Rahman and Mohd Hariri Aiffin, "*Application of time domain electromagnetic and magnetic gradiometer techniques to delineate water leakage site along buried iron pipe at Sungai Klah, Perak, Malaysia*". **Advanced Science Letters 23(2):1340-1343. DOI: <https://doi.org/10.1166/asl.2017.8378>**

Amin E. Khalil, Mohd Nawawi, M. H. Arifin, Fathi M. Abdullah<sup>3</sup>, **J. S. Kayode**, Noradin Usman<sup>2</sup> and Arisona<sup>1</sup>, "*Soil investigation at Wet World hot spring complex for future development using active multichannel analysis of surface waves*". **Journal of Sains Malaysiana 46(4)(2017): 537–543 <http://dx.doi.org/10.17576/jsm-2017-4604-04>.**

- 2016 **John Stephen Kayode**, Mohd Nawawi, Abdullah, K. "*Structural Analysis of Part of the Nigerian South-western Basement Complex using Aeromagnetic Data*". **Chiang Mai J. Sci. 2016; 43(6): 1324-1334. <http://epg.science.cmu.ac.th/ejournal>.**

Mohd Hariri Arifin, Tajul Anuar Jamaluddin, Hamzah Husin, Azmi Ismail, Amry Amin Abbas, Mohd Nawawi Mohd Nordin, Hassan Mohamed Baioumy, **John Stephen Kayode\***, Nadzari Ismail, Nor Azura Othman, Anita Setu and Mohd Amir Ashraf Sulaiman, "*Geological Mapping Comparison with Electrical Resistivity and Ground Penetration Radar Methods for Rock Fractured System Study*". **Chiang Mai J. Sci. 2016; 43(6): 1346-1357 <http://epg.science.cmu.ac.th/ejournal>** \*Corresponding Author.

**Kayode, J.S.**, Adelusi, A. O., Nawawi M. N. M., Bawallah, M. and Olowolafe, T. S., "*Geo-electrical investigation of near surface conductive structures suitable for groundwater accumulation in a resistive crystalline basement environment: A case study of Isuada, Southwestern Nigeria*". **Journal of African Earth Sciences, 119(7): pp 289–302. DOI: 10.1016/j.jafrearsci.2016.04.009.**

- 2015 **J.S. Kayode**, M. N. M. Nawawi, H. M. Baioumy, A. E. Khalil, and B. A. Khiruddin, "*Delineation of the subsurface geological structures of Omu-Aran area, south-western Nigeria, using aeromagnetic data*". **AIP 1657, 040012 (2015); DOI: 10.1063/1.4915173.**

- 2014 A. O. Adelusi, M. Ayuk and **J.S. Kayode\***, "*VLF-EM and VES - an application to groundwater exploration in a Precambrian Basement terrain SW Nigeria*". **Annals of Geophysics Journal 57 (1), pp 1-11. DOI: 10.4401/ag-6291.** \*Corresponding Author.

- 2013 **Kayode, J.S.**, Adelusi, A.O. and Nyabeze, P. K., "Bedrock Depth Estimates from Vertical derivatives of the ground magnetic studies around Ilesa Area, Southwestern Nigeria". **Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS)** 4(4): pp. 594-603. \_ISSN:2141-7016.
- Kayode, John S** and Kamson Feyisayo "Air pollution by carbon monoxide (CO) poisonous gas in Lagos area Southwestern Nigeria". **Journal of Atmospheric and Climate Sciences (ACS)** 3(4), 1-5. DOI:10.4236/acs.2013.34053.
- Kayode, J.S.**, Nyabese, P. K. and Adelusi, A. O. "Interpretation of ground magnetic data of Ilesa, Southwestern Nigeria for potential mineral targets". **Advances in Applied Science Research**, 4(1):163-172. ISSN: 0976-8610.
- A. O. Adelusi, M. Ayuk and **J.S. Kayode\***, "Hydrogeophysical and Hydrochemical Analysis of Shallow Water Wells around Ire-Akari area, Akure southwestern Nigeria". **International Journal of Water Resources and Environmental Engineering**. 5(8): 466-474. DOI: 10.5897/IJWREE 12-096. \*Corresponding Author.
- Adelusi A. O., **Kayode, J.S\***. and Akinlalu A. A., "Interpretation of Aeromagnetic Anomalies and Electrical Resistivity Mapping around Iwaraja Area South-western Nigerian". **Journal of Geology and Mining Research**. 5(2) pp. 38-57. DOI: 10.5897/JGMR12.016. \*Corresponding Author.
- Adesin, B. O., Ikubanni, S. O., **Kayode, J.S.** and Adekoya, B. J. "Variability of Solar wind dynamic pressure with solar wind pressure during intense and severe storms". **The African Review of Physics**. 8:0019, 119 -128. ISSN 2223-6589.
- 2012 Adebessin, B.O, Ikubanni, S.O. and **Kayode, J.S.** "Solar wind dynamic pressure dependency on the plasma flow speed and IMF Bz during different geomagnetic activities". **World J. Young Researchers**. 2(2): ISSN 2249-0566.
- Adebessin, B. Olufemi and **\*Kayode, John S.**, "On the coexistence of ionospheric positive and negative storm phases during January–December 2000 geomagnetic activities at East Asian Sector". **Advances in Applied Science Research**. 3(1): 349-370. ISSN: 0976-8610. \*Corresponding Author.
- Adebessin, B.O, Ikubanni, S.O, Ojediran, J.O and **\*Kayode, J.S.**, "An Investigation into the Geomagnetic and Ionospheric Response during a Magnetic Activity at High and Mid-Latitude". **Advances in Applied Science Research**, 2012, 3 (1):146-155. ISSN: 0976-8610. \*Corresponding Author.
- 2011 B. Olufemi Adebessin, S. Oluwole Ikubanni, and **J. Stephen Kayode**, "On the Geoeffectiveness Structure of Solar Wind-Magnetosphere Coupling Functions during Intense Storms. **Journal of ISRN Astronomy and Astrophysics** V. 2011, 13p DOI:10.5402/2011/961757.
- Akinyemi M. L., **\*Kayode, J.S.** and Usikalu M.R., "Investigation of Extremely Low Frequency (ELF) Hot Spots in the College of Science and Technology, Covenant University, Ota, Nigeria". **Turkish Journal of Physics**. 35, 1-4, @ Tubitak, DOI 10.3906/fiz.1011-39. \*Corresponding Author.
- Kayode, J.S.**, Nyabeze, P. K. and Adelusi, A.O., "Horizontal derivatives of the ground magnetic Interpretation in part of Ilesa area, South-western Nigeria". **Scientific Research and Essay** 6(20),4163-4171. DOI: 10.5897/SRE10.616.
- 2010 Aizebeokhai, A.P.; Alile, O.M., **\*Kayode, J.S.**, and F.C. Okonkwo, "Geophysical Investigation of Some Flood Prone Areas in Ota, Southwestern Nigeria". **American-Eurasian Journal of Scientific Research** 5(4) 216-229. ISSN 1818-6785. \*Corresponding Author.
- Kayode, J.S.**, "Vertical components of the ground magnetic study of Ijebu-Jesa, Southwestern Nigeria. **Journal of Applied Sciences Research** 6(8): 985-993.
- Kayode, J.S.**; Nyabese, P. K. and Adelusi, A. O., "Ground magnetic study of Ilesa East, South-western Nigeria". **African Journal of Environmental Sciences**. AJEST 4(3), 2010. 122-131. \_DOI: 10.5897/AJEST09.220.
- Kayode, J.S.**, and Adelusi, A.O., "Ground magnetic data Interpretation of Ijebu-Jesa area, Southwestern Nigeria, using total component". **Research Journal of Applied Sciences, Engineering and Technology** 2 (8), 703–709. ISSN (Online): 2040-7467 ISSN (Print): 2040-7459.

2009 **Kayode, J.S.**, "Horizontal Component of ground magnetic studied of Ijebu-Jesa area, South-western Nigeria". *Global Journal of Engineering and Technology*, GJET V.2 (1) pp. 109-120.

**Kayode, J.S.**, "Structural trends of Ijeda-Iloko area South-western, Nigeria. *Global Journal of Engineering and Technology*, GJET V.2 (3) pp. 475-484.

### Peer-Reviewed Conference Papers

2017 **Kayode, J.S.\*\***, Nawawi, M.N.M., and Abdullah, K., "Subsurface structural pattern distributions of the magnetic anomalies in part of the Nigerian South-western Precambrian Basement Complex". *IconSpace 2017: 03-05 May 2017*. \*Corresponding Author and. # Presenter.

2016 **John Stephen Kayode\*\***, Nawawi, M.N.M., Yusup, Y. and Khiruddin B. Abdullah. "The use of MATLAB with the application of standard Laplace and Rayleigh Distribution to establish the distributions of the subsurface magnetic anomalies". *National Physics Conference PERFIK 2016. 21-22 December 2016*. \*Corresponding Author and.# Presenter.

**Kayode, J.S.\*\***, Nawawi, M.N.M., Abdullah, K., and Yusup, Y., "Application of the pattern recognition technique to locate subsurface magnetic anomaly". *35th International Geological Congress, Cape Town, South Africa, 26 August - 04 September 2016*. \*Corresponding Author and. # Presenter.

Amin Khalil #, Mohd Nawawi, Karl Wagner, Hassan Baioumy, **John Kayode**, Kehinde Ishola, Abdullahi Abdul Rahman and Mohd Hariri Arifin, "Application of time domain electromagnetic and magnetic gradiometer techniques to delineate water leakage site along buried iron pipe at Sungai Klah, Perak, Malaysia". *2016 International Conference on Science and Technology Applications in Climate Change. 09-12 August 2016*. # Presenter.

**John Stephen Kayode\*\***, Mohd Nawawi, Abdullah, K., "Structural Analysis of Part of the Nigerian South-western Basement Complex using Aeromagnetic Data". *The 7th International Conference on Applied Geophysics. Conference Proceedings*. PP 145-158. \*Corresponding Author and # Presenter.

Mohd Hariri Arifin #, Tajul Anuar Jamaluddin, Hamzah Husin, Azmi Ismail, Amry Amin Abbas, Mohd Nawawi Mohd Nordin, Hassan Mohamed Baioumy, **John Stephen Kayode\***, Nadzari Ismail, Nor Azura Othman, Anita Setu and Mohd Amir Ashraf Sulaiman, "Geological Mapping Comparison with Electrical Resistivity and Ground Penetration Radar Methods for Rock Fractured System" *Study The 7th International Conference on Applied Geophysics Conference Proceedings*. PP 69-72 \*Corresponding Author and # Presenter.

2015 M. Hariri Arifin#, Mohd Nawawi Mohd Nordin, Hassan Bioumy, **John S. Kayode\***, Amin E.Khalil, and Karl Wagner, "Ayer Hangat Hot Springs: Geological and geophysical update for his survival in geotourism Industry". *Regional Geoheritage Conference, At Langkawi, Malaysia*. \*Corresponding Author and # Presenter.

**John Stephen Kayode\*\***, Hariri Mohd Arifin, Azimah Hussin, Nawawi Mohd Nordin Mohd, Norsyafina Roslan, "Vulnerability of the aquifer units in the flood-affected areas of east coast Peninsular Malaysia". *Asian Oceania Geosciences Society 12th Annual Conference and Meetings at Singapore, 2-7 August. 2015*. \*Corresponding Author and # Presenter.

Amin Khalil, Nawawi Mohd, **John Kayode\*\***, Saheed Ishola, "Application of Integrated Geophysical Surveying for Modelling Hot Springs Aquifer at Sungai Klah, Perak, Malaysia". *Asian Oceania Geosciences Society 12th Annual Conference and Meetings at Singapore, 2-7 August. 2015*. \*Corresponding Author and # Presenter.

2014 **Kayode, J. S.\*\***, M. N. M. Nawawi, H. M. Baioumy, A. E. Khalil, and B. A. Khiruddin, "Delineation of the subsurface geological structures of Omu-Aran area, south-western Nigeria, using aeromagnetic data". *National Physics Conference, (PERFIK 2014), Kuala Lumpur, 18-19 November 2014*. \*Corresponding Author and # Presenter.

2009 **Kayode, J.S.**, "Vertical components of the ground magnetic study of Ijebu-jesa, Southwestern Nigeria". *International Association of Seismologists and Physics of the Earth Interior, (IASPEI General Assembly January, 2009) at Cape Town, South Africa. 10-16 January 2009*.



- 2004 **Kayode, J.S.,** (a) *"The Role of Physics in the Exploitation of Natural Resources, (b) The Use of Resistivity Method of Geophysical Survey to delineate groundwater Potential (a case study)"*. The Nigerian Institute of Physics 27<sup>th</sup> Annual National Conference at the Kaduna Polytechnic, Kaduna, Nigeria. 15-18 September 2004.
- 1998 **Kayode, J.S.,** *"Solar /Atmospheric Radiation Station at Ilorin, Nigeria"*. Presented at the Nigerian Institute of Science Technology 16<sup>th</sup> Annual National Conference, University of Ibadan, Ibadan, Nigeria.

#### ○ Research Paper Under Reviewed

- 2017 **John Stephen Kayode,** Hariri Mohd Arifin, Azimah Hussin, Nawawi Mohd Nordin Mohd, Norsyafina Roslan, *"The vulnerability of the aquifer units in the flood-affected areas of east coast Peninsular Malaysia"*. **Arabian Journal of Geosciences. AJGS-D-17-01343.**
- John Stephen Kayode,** Mohd Hariri Arifin, Azimah Hussin, Nawawi Mohd Nordin Mohd, Norsyafina Roslan, *Engineering site Characterization from Multi-Electrodes Electrical Resistivity Tomography. Heliyon Journal. HELIYON\_2017\_1587.*
- A. Arisona, **J.S. Kayode\***, M.N.M. Nawawi, M. Hanis, J. Safani, K.S. Ishola and U.K. Nuraddeen. Forward and Inverse modelling using Electrical Resistivity Imaging for the Investigation of Partially Saturated Soil Structures. **Arabian Journal of Geosciences. AJGS-D-17-00327** \*Corresponding Author.

#### ○ Monographs Published

- 2016 **Kayode, J.S.,** Nawawi, M.N.M., Abdullah, K., and Yusup, Y., *"Application of the pattern recognition technique to locate subsurface magnetic anomaly"*. Abstract published by the **American Institute of Geosciences, (AGI):** <http://www.americangeosciences.org/igc/13923>.

#### Honours/Distinctions/Funding

- 12-2014  
06-2017 ○ Universiti Sains Malaysia, Institute of Postgraduate Studies, Doctoral Research **Fellowship.**
- 09-2014  
11-2014 ○ Universiti Sains Malaysia, Institute of Postgraduate Studies, **Graduate Assistanship.**
- 08-2016  
09-2016 ○ International Association of Mathematical Geosciences **Travel Grant Award** to attend **35IGC,** Cape Town, South Africa, **26 August - 04 September 2016.**
- 01-2009  
01-2009 ○ International Association of Seismologists and Physics of the Earth Interior, (IASPEI) **Travel Grant Award to attend the General Assembly and Scholarship** to attend the **Summer School** at Cape Town, South Africa, **2009. 10-23 January, 2009.**

#### Professional Achievements

- 2017 ○ **ESRI Udemy** 6 weeks online course on **Go from Zero to Hero in Python, 17 September 2017.**  
<https://www.udemy.com/certificate/UC-O1B9U4XN/>
- **ESRI Udemy** 6 weeks online course on **The Location Advantage, 17 May 2017.**  
<https://esri.udemy.com/certificate/UC-6L392N8W>
- **ESRI Udemy** 6 weeks online course on **Going Places with Spatial analysis, 17 May 2017.**  
<https://esri.udemy.com/certificate/UC-OBXH68BN>
- **ESRI Malaysia ArcGIS 1-Day Seminar, Directions Live 2017,** Hotel Jen Penang Malaysia. **27 April 2017.**
- **ESRI Udemy** 4 weeks online course on **Do-It-Yourself Geo Apps, 08 March 2017.**  
<https://www.udemy.com/certificate/UC-XNKSQYFF>
- Time-Domain Electromagnetic Method Data Analysis Workshop. Universiti Sains Malaysia, School of Physics Geophysics Unit, Pulau-Pinang, Malaysia. **17 January 2017.**
- 2016 ○ **2-Day ESRI User Conference and Training** at Putrajaya International Convention Center, Putrajaya, **19 - 20 October 2016.**

- **MATLAB** Training Workshop, School of Physics, Universiti Sains Malaysia, Pulau-Pinang, Penang. **21 July-25 August 2016.**
- **ESRI** Malaysia **ArcGIS 1-Day** Seminar, **Directions Live 2016**, Vistana Hotel, Bukit Jambul, Penang, Malaysia. **14 April 2016.**
- 2015 ● **2-Day ESRI** User Conference and Training at Putrajaya International Convention Center, Putrajaya, **20 - 21 October 2015.**
- **2-Day** Training on Statistical Analysis Using R, USM, Pulau-Pinang, Malaysia. **26-27 August 2015.**
- **1-Day ESRI** Malaysia **ArcGIS** Seminar /Training, Pulau-Pinang, Penang, Malaysia. **12 August 2015.**
- 2014 ● **3-Day** Training Workshop on **SASW** For Geotechnical Applications, UKM, **8-9 December 2014.**
- **2-Day** Training Workshop on Geophysical Methods for Geotechnical and Geohazard Engineering, Kuala Lumpur, Malaysia. **5-6 November 2014.**
- 2011 ● Nigerian Association of Petroleum Explorationists (**NAPE**). **1-Day** Basic Well Log Analysis Training, Lagos, Nigeria, **25 November 2011.**
- 2009 ● International Association of Seismology and Physics of the Earth's Interior (**IASPEI**) Summer School, Cape Town, South Africa, **10 – 23 January 2009.**

#### Membership of Professional Bodies

- American Association for the Advancement of Science (**AAAS**).
- International Association for Mathematical Geosciences (**IAMG**).
- Young Earth Scientists Network (**YES**).
- International Association for Gondwana Research (**IAGR**).
- International Union of Geological Sciences (**IUGS**).
- International Council for Science (**ICSU**).
- Asian Oceania Geosciences Society (**AOGS**).
- Global Earth Model Sub-Saharan Africa (**GEM**).
- International Association for Promoting Geoethics (**IAPG**).
- Society of Exploration Geophysicists (**SEG**).
- Nigerian Association of Petroleum Explorationists (**NAPE**).
- Institute of Electrical Electronics Engineering Geosciences and Remote Sensing – **IEEE (GRS)**.
- Seismological Society of America (**SSA**).
- American Geophysical Union (**AGU**) **Student Member.**

#### Professional Skills

- Proficient in **MATLAB** and Machine Learning.
- Learned Python but not too proficient in its usage.
- Proficient in GIS data analysis.
- Learned R-Programming but not too proficient in it.
- Learned Latex but not too proficient in its usage.
- Learned Data Science but not too proficient in its usage.

#### Community Service

- Foundation President, USM Society of Exploration Geophysicists Student Chapter **2016-2017.**
- Serve as Volunteer at the **35th** International Geological Congress, Cape Town, South Africa. **25 August - 04 September 2016.**
- Society of Exploration Geophysicists Volunteer Services as Geophysics and Interpretation Journals
- Reviewer Editor from **03 May 2016 to 31 December 2016.**
- Serve as Volunteer at the **AOGS 12th** Annual Conference, Singapore. **1- 10 August 2015.**

- Member of the Editorial Board, Applied Physics Research Journal, Canada.
- Reviewer for the Journal of Applied Geophysics. Elsevier Ltd.
- Reviewer for the World Applied Sciences Journal, Pakistan.
- Reviewer for the Academic Journals, New York.
- Member of the Editorial Board, Research Journal of Environmental and Earth Sciences (Maxwell Science Publications), Pakistan.
- General Secretary, Covenant University Staff Multipurpose Cooperative Society Ltd. - **2009–2011**
- Member of the Covenant University Purchasing Committee -**2006-2011**
- Member of the Covenant University Laboratory Committee - **2002-2011**
- National Youth Service Corps (NYSC), Nigeria. - **1994-1995**
- Member of the Gideon International - **1994 till date**

## References

Prof. Dr. Mohd Nawawi Mohd Nordin, Geophysics Unit, School of Physics, Universiti Sains Malaysia, 11800 USM, Pulau-Pinang. Malaysia. Email: mnawawi\_nordin@yahoo.com  
Phone: +60194453720.

Prof. Dr. Azlan Abdul Aziz, Dean, School of Physics, Universiti Sains Malaysia, 11800 USM, Pulau-Pinang. Malaysia. Email: lan@usm.my Phone: +600194101217

Associate Professor Dr. Yusri Yusup, Environmental Technology Unit, School of Industrial Technology Universiti Sains Malaysia 11800 USM Penang. Malaysia. Email: yusriyp@gmail.com  
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Associate Professor Dr. Amin E. Khalil, Geophysics Unit, School of Physics, Universiti Sains Malaysia, 11800 USM, Pulau-Pinang. Malaysia. Email: [aminwej@gmail.com](mailto:aminwej@gmail.com) Phone: +60174637083



**John Stephen Kayode (PhD)**